EXPERIMENTAL FEATURE WORK PLAN & CONSTRUCTION REPORT

RESEARCH DIVISION, DEVELOPMENT SECTION

O:\Exp Features\XF Work Plan & Const Rpt Template.wpd **Experimental Feature No.:**

Submitted By: Rocky Kriscovoc **Date: 4/20/06**

UDOT Champions: Michael Fazio & Denis Stuhff-Hydraulics , Brian Phillips – Reg. 3

Exp. Feature Title: ABT MD 200 Trench Variable Slope & Shape on SR-89

Problem Statement: In many locations on the highway it is difficult to drain the storm water for many reasons. Trench/line drains offer a solution for some of these locations. The ABT MD200 is a performed channel that can be installed at various slopes. The line drains can clog with sediment. This experimental feature will test the performance of the trench drain at various slopes to qualify the optimal cleaning slope.

Exp. Feature Objectives: The objective is to find the optimal line drain invert slope for self-cleaning sediments that collect of the roadway surface.

- Install line drains at various slopes
- Measure deposits after storms
- Prepare standard drawings and specifications

Location: American Fork, Main Street (US-89) near interchange with I-15

Cost/Duration:
$10,000 /5 years

Supplier: ABT, Inc. – Region 3

Schedule of Data Collection and Evaluation

Item	Personnel assigned	Due Date
Product Installation/ Control Data	Brian Phillips/Bob Westover	May 30, 2006
Construction Report	Michael Fazio	June 30, 2006
Interim Report	Michael Fazio	
Final Report Submitted by	Ken Berg/Michael Fazio	